

FORM PTO-1449  
(Modified)

08/25/97

U.S. Department of Commerce  
Patent and Trademark Office

Attorney Docket No.: HELLO-00695

Serial No.: 08/625,398

INFORMATION DISCLOSURE STATEMENT BY APPLICANT  
(Use Several Sheets If Necessary)

Applicant: Bruce W. Stelman

Filing Date: March 27, 1996

Group Art Unit: 2742 ✓

(37 CFR § 1.98(b))

## U.S. PATENT DOCUMENTS

#4

Examiner Initials		Serial / Patent Number	Issue Date	Applicant / Patentee	Class	Subclass	Filing Date
JW	AA	5,631,955	5/20/97	Adams et al.	379	387	5/15/95
q	AB	5,625,679	4/29/97	Gutzmer	379	99	4/23/96
	AC	5,586,181	12/17/96	Kiko	379	399	11/09/94
	AD	5,583,922	12/10/96	Davis et al.	379	96	4/05/95
	AE	5,577,115	11/19/96	Deutsch et al.	379	399	3/31/95
	AF	5,557,672	9/17/96	Perry et al.	379	399	3/10/93
	AG	5,557,670	9/17/96	Perry et al.	379	339	10/12/93
	AH	5,557,669	9/17/96	Perry et al.	379	339	10/12/93
	AI	5,555,300	9/10/96	Gutzmer	379	395	9/10/96
	AJ	5,550,913	8/27/96	McMaster et al.	379	230	12/09/94
	AK	5,550,901	8/27/96	Williams	379	93	8/24/94
	AL	5,533,092	7/02/96	Kaziwara	379	21	2/18/93
	AM	5,528,685	6/18/96	Cwyner et al.	379	405	7/08/94
	AN	5,493,609	2/20/96	Winseck, Jr. et al.	379	96	7/07/94
	AO	5,473,676	12/05/95	Frick et al.	379	99	8/08/94
	AP	5,455,859	10/03/95	Gutzmer	379	442	11/28/94
	AQ	5,454,036	9/26/95	Gleeman et al.	379	392	6/15/94
	AR	5,448,646	9/05/95	Lucey et al.	381	74	11/01/93
	AS	5,444,770	8/22/95	Davis et al.	379	99	11/30/93
	AT	5,365,577	11/15/94	Davis et al.	379	96	5/01/92
	AU	5,333,194	7/26/94	Caesar	379	402	10/15/90
	AV	5,323,451	6/21/94	Yatsunami	379	100	10/10/93
	AW	5,323,449	6/21/94	Mori et al.	379	100	8/23/91
	AX	5,289,538	2/22/94	Lauer et al.	379	402	3/14/91
	AY	5,249,218	9/28/93	Sainton	379	59	4/28/93
	AZ	5,237,605	8/17/93	Peak et al.	379	399	12/24/90
	BA	5,206,898	4/27/93	Nishijima	379	90	10/30/91
	BB	5,185,789	2/09/93	Hanon et al.	379	395	5/30/90
	BC	5,179,586	1/12/93	Lee	379	93	3/13/91
	BD	5,175,763	12/29/92	Gaszi	379	402	3/27/91
	BE	5,172,411	12/15/92	Gaszi	379	402	3/27/91
	BF	5,164,982	11/17/92	Davis	379	96	9/27/90
	BG	5,151,936	9/29/92	Riedle	379	403	5/29/92
JW	BH	5,133,006	7/21/92	Khuat	379	399	10/31/90

Examiner:

Jacques M. Saint-John

Date Considered:

11/19/97

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JP	BI	5,097,501	3/17/92	Kutzavitch	379	165	6/29/90
JP	BJ	5,059,141	10/22/91	Scott	439	638	12/08/89
	BK	5,034,978	7/23/91	Nguyen et al.	379	402	12/15/89
	BL	5,014,299	5/07/91	Klupt et al.	379	98	7/20/89
	BM	5,003,580	3/26/91	Duong et al.	379	93	9/08/87
	BN	4,996,706	2/26/91	Cho	379	93	5/01/89
	BO	4,989,243	1/29/91	Choi	379	402	12/30/88
	BP	4,951,312	8/21/90	Tanikawa et al.	379	394	4/27/89
	BQ	4,939,767	7/03/90	Saito et al.	379	53	5/17/88
	BR	4,932,047	6/05/90	Emmons et al.	379	53	9/08/87
	BS	4,928,306	5/22/90	Biswas et al.	379	201	2/28/89
	BT	4,914,690	7/03/90	Hagedorn	379	233	4/07/89
	BU	4,907,267	3/06/90	Gutzmer	379	442	6/16/88
	BV	4,864,567	9/05/89	Giorgio	370	118	5/04/88
	BW	4,856,049	8/08/89	Streck	379	67	3/18/88
	BX	4,852,160	7/25/89	Kiko et al.	379	405	3/03/87
	BY	4,852,153	7/25/89	Streck	379	100	8/11/88
	BZ	4,825,465	4/25/89	Ryan	379	399	12/10/87
	CA	4,815,121	3/21/89	Yoshida	379	67	6/03/85
	CB	4,788,720	11/29/88	Brennan et al.	379	201	9/03/86
	CC	4,759,059	7/19/88	Christensen	379	161	6/01/84
	CD	4,759,054	7/19/88	Mellon	379	145	12/22/86
	CE	4,636,584	1/13/87	Binkerd et al.	379	240	12/19/83
	CF	4,606,044	8/12/86	Kudo	375	13	3/05/84
	CG	4,506,112	3/19/85	Bitsch	179	81	4/08/83
	CH	4,446,335	5/01/84	Lee et al.	179	2	1/25/82
	CI	4,425,664	1/10/84	Sherman et al.	375	8	5/07/82
	CJ	4,387,271	6/07/83	Artom	179	2	11/18/80
	CK	4,367,374	1/04/83	Serrano	179	2	2/17/81
	CL	4,319,092	3/09/82	van den Enden	179	18	5/14/80
	CM	4,284,859	8/18/81	Araseki	179	170	4/10/79
	CN	4,161,633	7/17/79	Trieber	179	170.2	5/08/78
JP	CO	4,160,122	7/03/79	Jacobson	179	1	5/23/78
JP	CP	4,153,916	5/08/79	Miwa et al.	358	257	11/08/77

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<i>REL</i>	CQ	4,142,075	2/27/79	Olschewski	179	170	10/11/77
<i>↑</i>	CR	4,088,844	5/09/78	Kinnaird et al.	179	99	12/21/76
	CS	3,865,995	2/11/75	Kerman et al.	179	99	3/14/73
	CT	3,715,513	2/06/73	Miller	179	18 AD	10/29/70
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	CV						
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	CZ						
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<i>Ⓚ</i>	CZ						

**FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS**

		Document Number	Publication Date	Country / Patent Office	Class	Subclass	Translation	
							Yes	No
	DA							
	DB							
	DC							
	DE							
	DF							

**OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)**

<i>Ref</i>	DG	K. D. Witt, "Switch Box For Voice/Data Communication," IBM Technical Disclosure Bulletin, Vol. 14, No. 5, October 1971						
	DH							
	DI							
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